

Glasgow Fire Weather

2001

A. Location

The National Weather Service in Glasgow, Montana is located across the street from the Glasgow International Airport. The mailing address is:

National Weather Service
101 Airport Road
Glasgow, MT 59230

B. Important Phone Numbers and Office Information

Fire Weather Desk (406) 228-9622
Office (406) 228-2850
FAX (406) 228-9627

Internet <http://www.wrh.noaa.gov/glasgow>

Jim Rea - Meteorologist in Charge
E-mail: james.rea@noaa.gov

Greg Forrester - Fire Weather Program Leader
E-mail: gregory.forrester@noaa.gov

Tom Wright - Fire Weather Incident Meteorologist
E-mail: tom.wright@noaa.gov

Tanja Fransen - Warning Coordination Meteorologist
E-mail: tanja.fransen@noaa.gov

C. Hours

The National Weather Service office in Glasgow, Montana is staffed 24 hours a day, 7 days a week with meteorologists available to handle fire weather requests.

D. Forecast Seasons

The Glasgow Fire Weather District snow melt to green up period usually begins in mid to late March and lasts into early June, mainly for prescribed fire activity. The active fire season typically last from July through early October. The post season prescribed activity begins in October and end either in late November or earlier if the ground becomes snow covered.

E. Fire Weather Zone Forecast Issuance Times

March through June

Once a day in the morning, Monday through Friday, 0830-0900

July through September

Twice a day, seven days a week

Mornings, 0830-0900; and Afternoons, 1430-1500

October and November

Once a day in the morning, Monday through Friday, 0830-0900

F. Forecast Services

Fire Weather Forecast, Spot Forecasts, Red Flag Warnings, and Fire Weather Watches will generally follow the format as defined in the **Basic Fire Weather Forecast Services** section of the document. These products are issued on a routine basis for various land Managers within the Glasgow Fire Weather District.

Smoke management information will be included in the Spring and Fall morning forecasts including the months of March, April, May, October, and November. Forecast information for smoke management includes mixing depth and transport winds.

G. Agencies Served

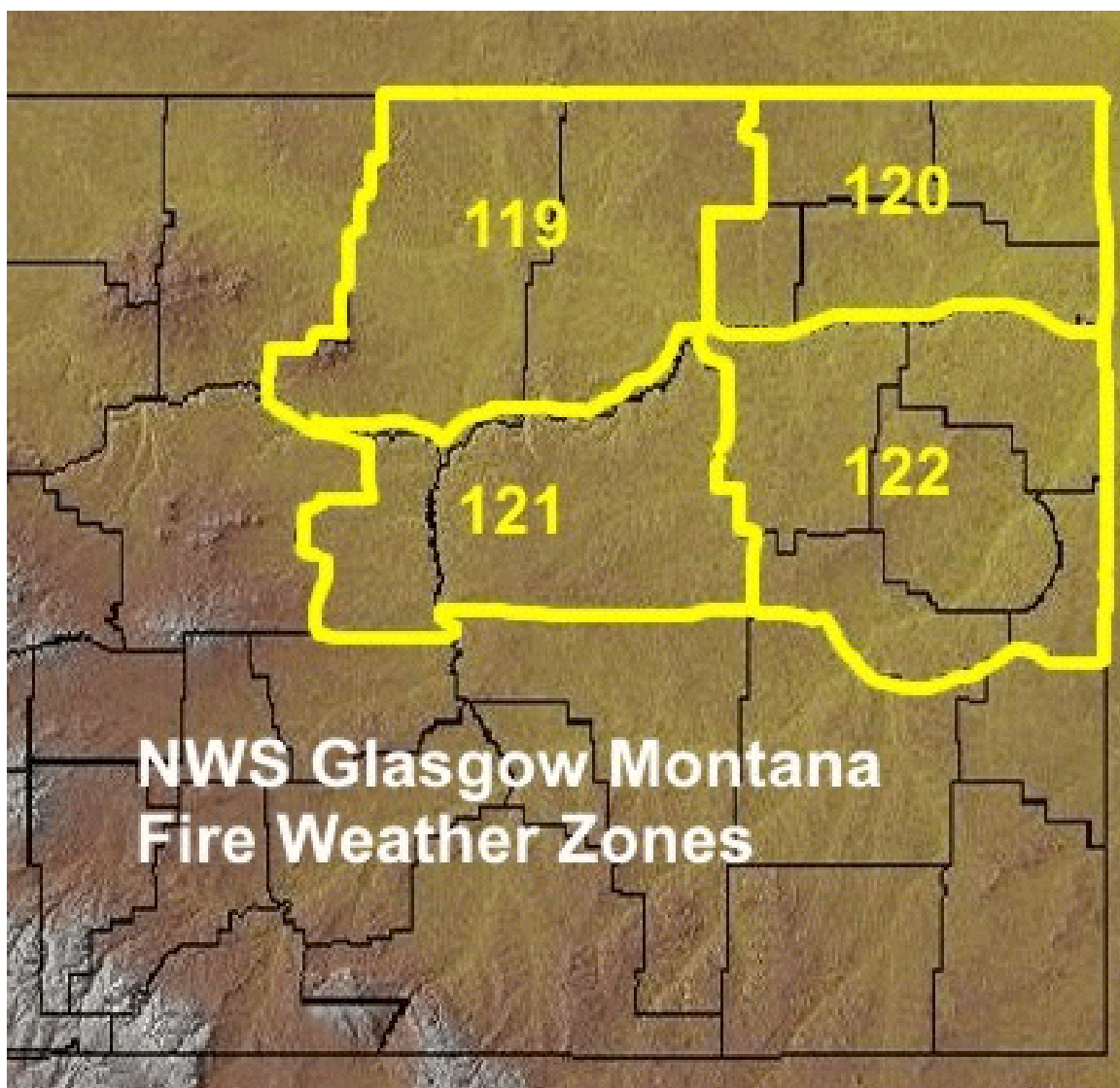
1. Bureau of Land Management
Lewistown and Miles City
2. Bureau of Indian Affairs
Fort Peck Reservation
3. US Fish and Wildlife Service
Bowdoin Refuge

Charles M. Russell Refuge
Hewitt Lake Refuge
Lamesteer Refuge
Medicine Lake Refuge
War Horse Refuge

4. Montana Department of Natural Resources

H. Fire Weather District

The Glasgow Fire Weather District covers Zones 119 through 122 in Northeast Montana.



I. Forecast Zone Descriptions

Zone 119: PHILLIPS AND VALLEY COUNTIES

Zone 119 in Northeast Montana includes portions of the Lewistown District of the BLM, Montana State Lands, and National Wildlife Refuge Lands. This area consists of Phillips and Valley Counties in Montana excluding portions of the Fort Belknap Indian Reservation lands in Phillips county, and excluding portions of Fort Peck Indian Reservation in Valley County, and excluding all lands in Phillips and Valley Counties that are part of the Charles M. Russell National Wildlife Range.

ZONE 120: FORT PECK INDIAN RESERVATION

Zone 120 in Northeast Montana includes the Fort Peck Indian Reservation, portions of the Miles City District of the BLM, and Montana state lands, and National Wildlife Refuge Lands. This area consists of Daniels, Sheridan, and Roosevelt Counties, including all of the Fort Peck Indian Reservation within Valley County.

ZONE 121: CHARLES M. RUSSELL NATIONAL WILDLIFE REFUGE

Zone 121 in Northeast Montana includes the Charles M. Russell National Wildlife Range and portions of the Lewistown District and the Miles City District of the BLM, and Montana state lands. This area is bounded by Petroleum and Garfield Counties and includes all of the Charles M. Russell National Wildlife Refuge north and south of the Missouri river.

ZONE 122: McCONE/RICHLAND/DAWSON/PRAIRIE/WIBAUX COUNTIES

Zone 122 in Northeast Montana includes portions of the Miles City District of the BLM, and Montana state lands, and National Wildlife Refuge Lands. The area consists of McCone, Richland, Dawson, Prairie, and Wibaux Counties.

J. LIST OF REFERENCE RAWS STATIONS BY FIRE WEATHER ZONE

Zone	Station Name	WIMS #	County	Location	Elev	Aspect
119	Zortman Mine	240807	Phillips	47 deg 55 min N 108 deg 33 min W	4660	Ridge
119	Bluff Creek	240902	Valley	48 deg 52 min N 106 deg 57 min W	2550	Ridge
119	King Coulee	240903	Valley	47 deg 48 min N 107 deg 1 min W	2760	Ridge
120	Poplar	242501	Roosevelt	48 deg 8 min N 105 deg 4 min W	2223	Flat
121	Chain Buttes	242302	Petroleum	47 deg 31 min N 108 deg 3 min W	2928	Ridge N-S
121	Dry Blood Creek	242303	Petroleum	47 deg 15 min N 108 deg 22 min W	3140	Flat
121	Manning Corral	240809	Phillips	47 deg 42 min N 108 deg 29 min W	3080	Slope SW
121	Square Butte	242404	Garfield	47 deg 23 min N 107 deg 38 min W	2920	Slope S
121	South Sawmil	242403	Garfield	47 deg 34 min N 107 deg 32 min W	3230	Ridge W
122	Big Sheep	244002	Prairie	47 deg 1 min N 105 deg 49 min W	3150	Valley W-E
122	Pine Hill		Wibaux	46 deg 47 min N 104 deg 35 min W	2650	Slope E